

HOTTONIA INFLATA: IN AMESBURY MASSACHUSETTS. DOES IT OCCUR FARTHER NORTH?—I wish to ask through RHODORA for information as to the northern limit of *Hottonia inflata*. The range given in Britton and Brown's Flora is Massachusetts to central New York and south to Florida. As there is a colony of this plant growing in a pool here in Amesbury it seems likely that this station must be about the northern limit. Can any one inform me if it occurs farther north?

On the muddy banks of the same pool I have collected the interesting little moss *Bruchia Drummondii*, considered to be a southern species, I believe.—J. W. HUNTINGTON, Amesbury, Mass.

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#### AERIAL RUNNERS IN TRIENTALIS AMERICANA.

ROBINA SILSBEE SMITH.

(Plate 34.)

THOSE acquainted with the *Trientalis* and with its life under ground are familiar with its slender white tuberiferous runners one or two feet in length. It is of great interest in the dry days of late summer to lift off the deep covering of moss and disclose this outcome of the summer's work with the well-developed tuber (fig. 3, f) already rooted in the ground. The protective bend of the bud is especially marked and at intervals along the runners are minute scales (fig. 3, e) similar in nature to those more developed on the upright stem (fig. 1, b). As the white runners thread the moss a touch of rose-color here and there shows where they have run nearer to the surface and felt the influence of the sun. These traces of color suggest in a novel way the stem-nature of the underground runners.

Some years ago, in late summer, at Machias, Washington Co., Maine, a few peculiar specimens of the *Trientalis* were found. From the axils of the leaf-like scales (fig. 2, g fig. 1, h) were produced slender aërial runners (fig. 2, c). They were of a deep carmine color, and an unusual coloring of the leaves suggested some injury or blight. These plants showed no sign of blossoms except in cases where blossoms had not perfected fruit (fig. 2, d). These aërial runners, as they dip into the moss, form tubers similar to the